

General Description

The XBS-06-RB22-NNV precision is a bulkhead mounting BNC connector which can be used in PCI® Express applications. It features a Pathfinder™ light pipe which aids port identification and status. The connector has a shorter leg length of 2.2mm. It also has a built in flange which provides additional EMI shielding and is optimised for 6G HD-SDI environments.

This connector was formerly sold as:
C-SX-156 as a connector only product



Electrical

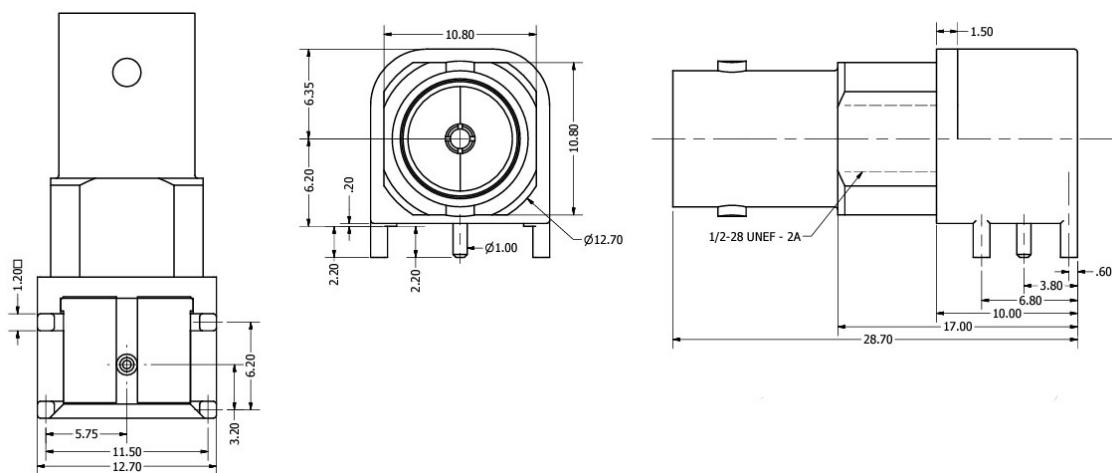
Impedance	75Ω				
Frequency Range	0-6GHz				
Working Voltage	500Vrms				
Reflection Factor (VSWR)	1.16 (max) 0-3GHz 1.49 (max) 3-6GHz				
Dielectric Withstanding Voltage	1500Vrms				
Insulation Resistance	\geq 5000MΩ				
Contact Resistance	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="padding: 2px;">Centre Contact</td> <td style="padding: 2px;">\leq 1.5mΩ</td> </tr> <tr> <td style="padding: 2px;">Outer Contact</td> <td style="padding: 2px;">\leq 1.0mΩ</td> </tr> </table>	Centre Contact	\leq 1.5mΩ	Outer Contact	\leq 1.0mΩ
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Materials

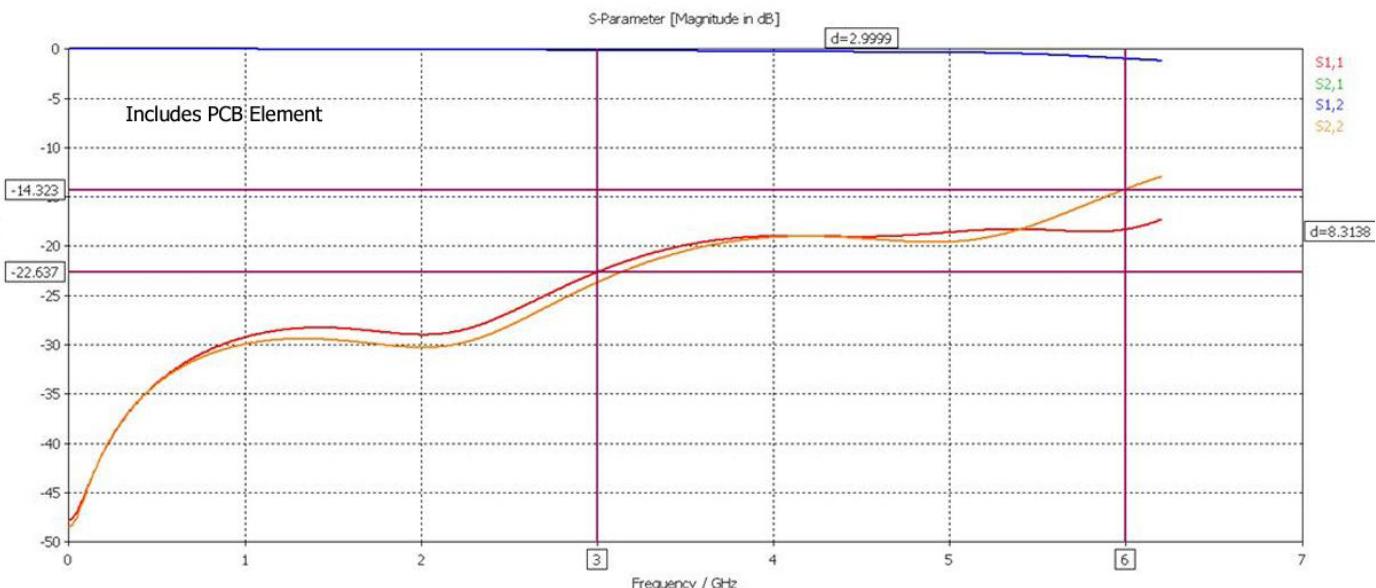
Centre Pin	PhosBronze / 10 μ "Au
Metal Parts	Die Cast Zinc/Ni
Insulators	UL94 HB TPX

Environmental

Connector Type	BNC Female
Temp Range	-65 to +85°C
Mating Cycles	500



Return Loss Graph



PCB Layout and Panel Cutout

